

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052598

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 2004/061921 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 22 July 2004 (2004-07-22) page 4, paragraph 4 – page 6, paragraph 1	1, 2, 4-10
A	US 2003/172866 A1 (HSU SHENG TENG ET AL) 18 September 2003 (2003-09-18) abstract	1-10
A	US 2003/077882 A1 (SHIH WONG-CHENG ET AL) 24 April 2003 (2003-04-24) abstract	1-10
A	US 2002/140031 A1 (RIM KERN) 3 October 2002 (2002-10-03) abstract	3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

11 April 2005

Date of mailing of the international search report

18/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/218189 A1 (CHRISTIANSEN SILKE H ET AL) 27 November 2003 (2003-11-27) abstract -----	1-10

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US 2003077882 A1	24-04-2003	NONE	
US 2002140031 A1	03-10-2002	CN 1500288 A EP 1410428 A1 WO 02080241 A1	26-05-2004 21-04-2004 10-10-2002
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